

The diagram illustrates the circular structure of the pNOV2105 plasmid, which is 10932 base pairs (bps) in size. Key features include:

- SpeR**: A restriction site located at approximately 10000 bps.
- XhoI**: Two restriction sites located near the 10000 bps mark.
- LB**: A linear boundary or feature near the 10000 bps mark.
- mSMA2**: A multiple cloning site located at approximately 2000 bps.
- PM1**: A promoter element located at approximately 2000 bps.
- Nos**: A neomycin resistance gene located at approximately 2000 bps.
- mSMA3**: A multiple cloning site located at approximately 4000 bps.
- Nos**: A second neomycin resistance gene located at approximately 4000 bps.
- GUS**: A GUS reporter gene located at approximately 4000 bps.
- Intron**: An intron located at approximately 4000 bps.
- GUS**: A second GUS reporter gene located at approximately 6000 bps.
- Nos**: A third neomycin resistance gene located at approximately 6000 bps.
- RB**: A replication boundary located at approximately 6000 bps.

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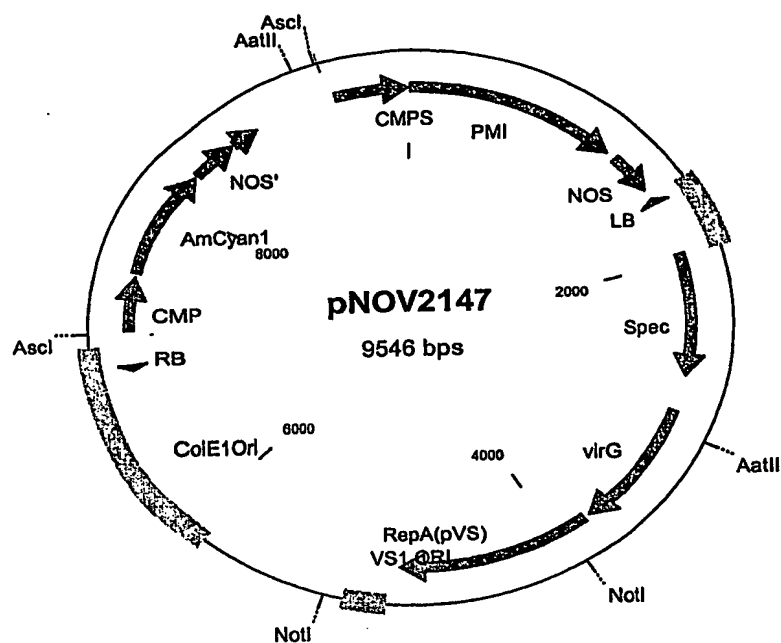


FIG. 3

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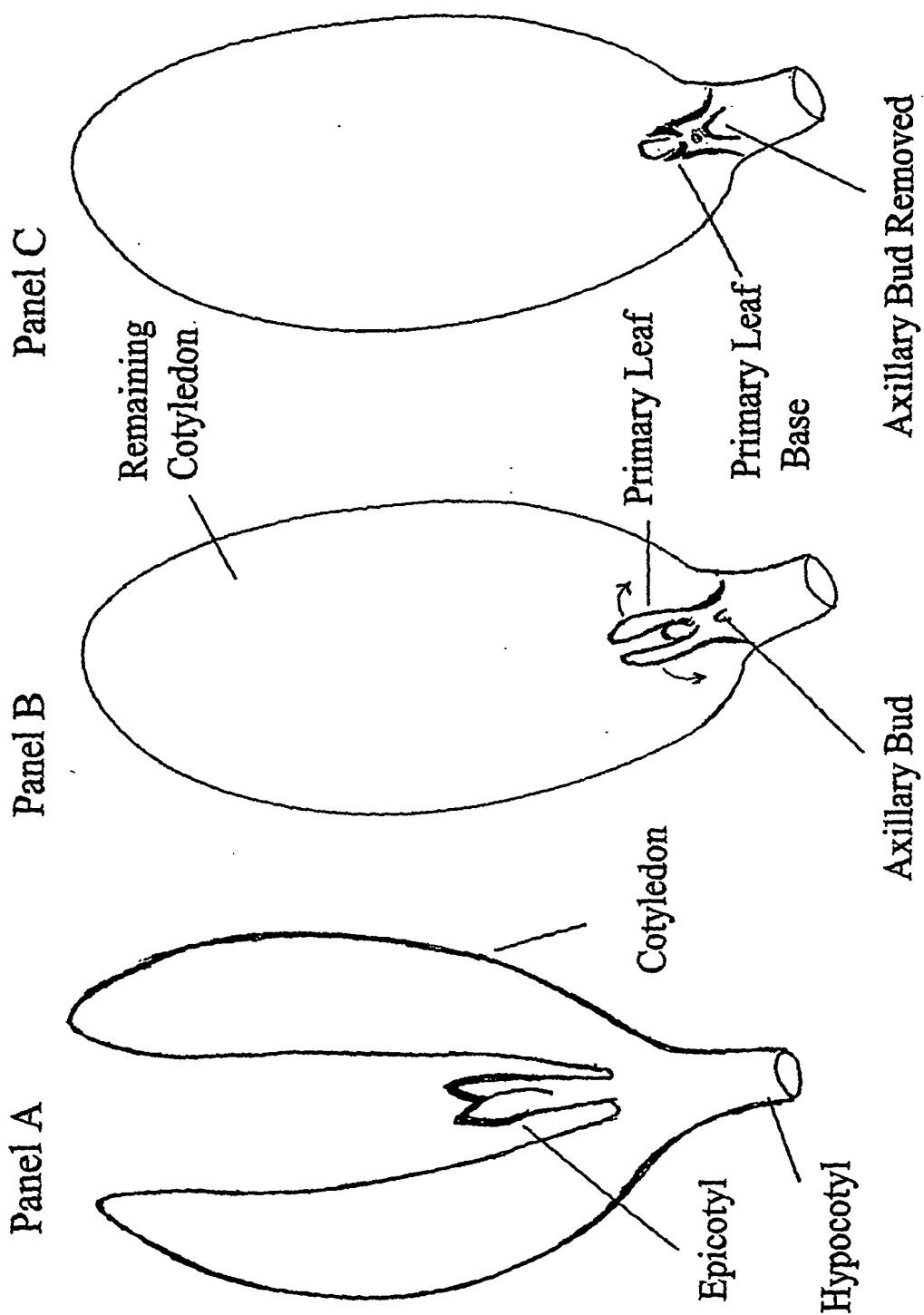


FIG. 4

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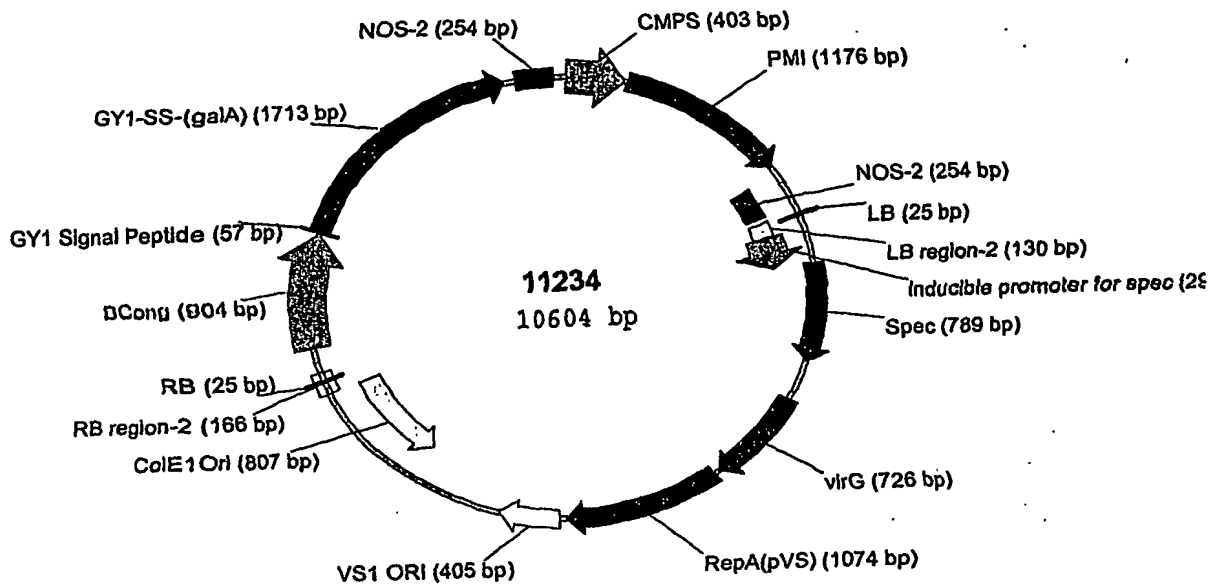


FIG. 5

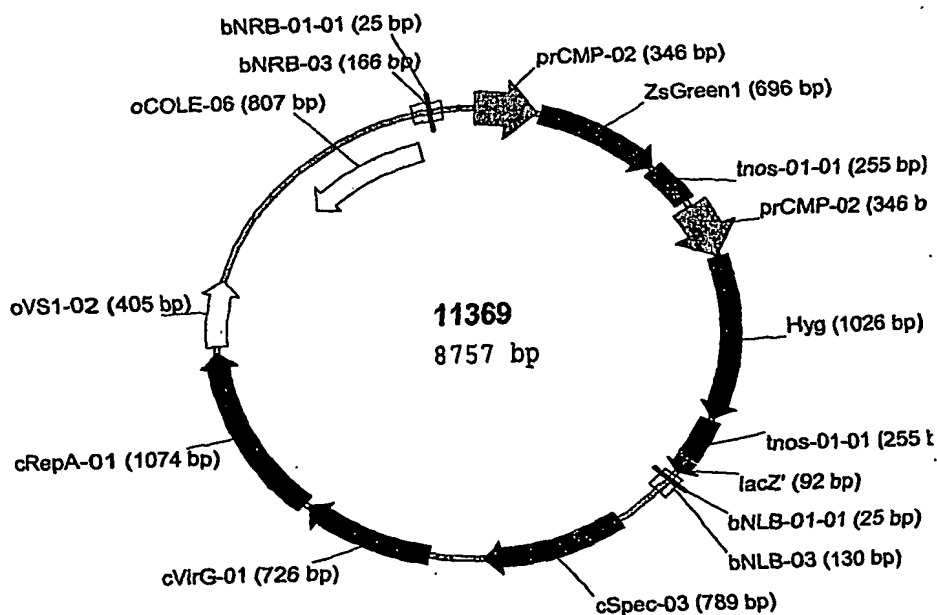


FIG. 6

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